



U.S. Fish & Wildlife Service

The Aquatic Animal Drug Approval Partnership Program

Fact Sheet: AQUI-S[®] E INAD 11-741

INAD objective/purpose: Collect scientific data necessary to establish the effectiveness AND safety of AQUI-S[®] E as an anesthetic/sedative in a variety of fish species under a variety of environmental conditions.

Drug name: AQUI-S[®] E (50% eugenol)

Source of drug: Western Chemical, Inc.

Address: 1269 Lattimore Road
Ferndale, WA 98248 USA

Contact: Jason Montgomery
Toll free: 800-283-5292 ext 4175; phone: 360-312-4175; Fax: 360-384-0270;
email: <mailto:jasonm@wchemical.com>

Target pathogen(s): Not Applicable

Method of administration: Immersion; standing bath treatment only

Treatment dosage: 10 – 100 mg eugenol per L

Note: For sedation to **handleable**, a treatment dosage of 20-30 mg eugenol per L is recommended for all species.

Treatment regimen: Treatment duration is up to 15 minutes. Treatment duration will vary dependent upon species, water temperature, and level of sedation desired. AQUI-S[®] E should be applied as a single treatment event.

Withdrawal period: 72 hours

No withdrawal period is required for fish that are not susceptible to legal harvest for a period of 72 hours post-treatment. Fish euthanized with AQUI-S[®] E must not be sent to slaughter or be otherwise available for food.

Required test parameters: Investigator must collect data documenting: 1) time to sedation; and 2) time to recovery from sedation. Investigator must also report general fish behavior and any adverse effects relating to treatment.

Limitations or restrictions on use of drug: Investigator must follow all instructions in the Study Protocol for INAD 11-741 regarding drug acquisition and handling, fish treatment and disposition, and data reporting requirements.

Drug discharge must be in compliance with local NPDES permitting requirements.

Required INAD fee: none

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